PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE equired to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act molete if Known Substitute for form 1449/PTO INFORMATION DISCLOS

STATEMENT BY AREA

(Use as many sheets as necessary) <u>of 12</u> Sheet

C Inplete ii Knowii					
Application Number	09/827,947				
Filing Date	April 6, 2001				
First Named Inventor	HARTIGAN et al.				
Art Unit	2856				
Examiner Name	Jay L. Politzer				
Attorney Docket Number	M00A214				

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
RTF	1	US- 3 775 494	11-27-1973	Carr	
RTF	2	^{US-} 3 868 963	03-04-1975	Muellerpoths	
RTP	3	us- 5 454 256	10-03-1995	Gimben et al.	
1 1 1		US-			
		US-			
···		US-			

		FORE	IGN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	₽
ME	4	EP 0 631 218 A2	12-28-1994	Balz & Sohn		
1	5	JP 06 194274 A	07-15-1994	Toshiba Corp		
	6	WO 98/43051	10-01-1998	Rosemount Inc.		L
	7	JP 60 218527 A	11-01-1985	Matsushita		
7	8	JP 11 236673A	08-31-1999	Mitsubishi Elec		
RTE	9	JP 62190455 A	08-20-1987	Shinwa Package		

Examiner 2004 Considered Signature

*EXAMINER: Initial if reference/considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

P	TC)/S	B/C	18B	(0	8-03
2000	•	\sim	40	000	- 1	^^^

OF Approved for use through 07/31/2006. OMB 0651-00

Un	der the Paperwork Redu	action A	1995.	no persons an	U.S. Patent e required to respond to a collection	and Trademark Office; U.S. DEPARTMENT OF COMMERC of information unless it contains a valid OMB control number	E r.
Substitute for form 1449/PTO DEC 22 2003						Complete if Known	\
		(DEC	11 100 8	Application Numb r	09/827,947	
INF	ORMATION	DIS	Q O	SURE	Filing Date	April 6, 2001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					First Named Inventor	HARTIGAN et al.	
		.40 00 -			Art Unit	2856	
	(Use as many shee	213 45 N	ocessary)		Examiner Name	Jay L. Politzer	
Sheet	2	of	2		Attorney Docket Number	M00A214	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
RTE	10	European Search Report for Application No. 02252359.1 dated November 4, 2003	
	11	JP 06 194274 A, Toshiba Corp, PATENT ABSTRACTS OF JAPAN, vol. 018, no. 539 (P-1812), October 13, 1994	
	12	JP 60 218527 A, Matsushita Electric Ind Co Ltd, PATENT ABSTRACTS OF JAPAN, vol. 010, no. 077 (M-464), March 26, 1986	
	13	JP 11 236673 A, Mitsubishi Electric Corp, PATENT ABSTRACTS OF JAPAN, vol. 1999, no. 13, November 30, 1999	
	14	JP 62 190455 A, Chino Corp, PATENT ABSTRACTS OF JAPAN, vol. 012, no. 043 (P-664), February 9, 1988	
	15	N. Verma, G. Hartigan, D. Ruppert, "CIF3 and Other Low Vapor Pressure Gas Systems," SEMICONDUCTOR INTERNATIONAL, July 1997; pps. 253-254, 256, 258, 260	
	16	Francisco F. A. Martinez and Marzia S. Infantini, "Phase Behavior and Splitting Analysis: An Operational Tool in Gas Transmission and Distribution"; PROCEEDINGS OF	
RIF		THE SEVENTY-SEVENTH GPA ANNUAL CONVENTION; pps. 30-35; Gas Processors Association 1998, Tulsa, OK	

	\sim			 		
Examiner		1 ,	7	 Date	E 1 1	5
Signature	101	dus	12~	Considered	2 Hbul	2000

^{*}EXAMINER: Initial if reference considered, whether or not alignoris in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden; should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner f r Patents, P.O. Box 1450, Alexandria, VA 22313-1450.